



Environmentally Responsible Lamps

U-Bent Rapid Start T8

Philips leads the industry with the lowest level mercury technology. Reducing the mercury level (source reduction) during the manufacturing phase is essential to creating products that are less harmful to the environment.

Benefits

- Sustainable Lighting Solution with ALTO Lamp Technology low mercury and energy efficient.
- 95% Lumen Maintenance.
- 24 month warranty period.

Features

- Full Line of 6" Leg Spacing.
- Outstanding Lumen Performance.
- HI-VISION[®] Phosphor.
- Reduces the impact on the environment.
- · Low mercury.
- Energy efficient.
- Available in 32 watts with 3000,3500, 4100, and 5000 color Temperatures.

Application

· Ideal for commercial applications with 2' x 2' fixtures.

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Dimensional drawing

Product	
FB31T8/TL830/ALTO 15/1	
FB31T8/TL835/ALTO 15/1	
FB31T8/TL841/ALTO 15/1	
FB32T8/TL830/6 ALTO 20PK	
FB32T8/TL835/6 ALTO 20PK	
FB32T8/TL841/6 ALTO 20PK	
FB32T8/TL850/6 ALTO 20PK	



General Information	
Cap-Base	G13
Approval and Application	
Energy Saving Product	Energy Saving
Mercury (Hg) Content (Nom)	3.0 mg

Light Technical

			Correlated		
			Color	Color	
	Full Product	Color	Temperature	rendering	Luminous
Order Code	Name	Designation	(Nom)	index (CRI)	Flux
927860083002	FB32T8/	TL830	3000 K	85	2,800 lm
	TL830/6				
	ALTO 20PK				
927860083502	FB32T8/	TL835	3500 K	85	2,800 lm
	TL835/6				
	ALTO 20PK				
927860084102	FB32T8/	TL841	4100 K	85	2,800 lm
	TL841/6				
	ALTO 20PK				
927860085003	FB32T8/	TL850	5000 K	84	2,750 lm
	TL850/6				
	ALTO 20PK				

		Correlated		
		Color	Color	
Full Product	Color	Temperature	rendering	Luminous
Name	Designation	(Nom)	index (CRI)	Flux
FB31T8/	TL830	3000 K	85	2,750 lm
TL830/ALTO				
15/1				
FB31T8/	TL835	4100 K	85	2,750 lm
TL835/ALTO				
15/1				
FB31T8/	-	4100 K	85	2,750 lm
TL841/ALTO				
15/1				
ר ר ר ר ר	Name EB31T8/ FL830/ALTO 15/1 EB31T8/ FL835/ALTO 15/1 EB31T8/ FL841/ALTO	-B31T8/ TL830 FL830/ALTO I5/1 -B31T8/ TL835 FL835/ALTO I5/1 -B31T8/ - FL841/ALTO	Full Product Color Temperature Name Designation (Nom) FB31T8/ TL830 3000 K FB31T8/ TL830 3000 K FB31T8/ TL830 4100 K FB31T8/ TL835 4100 K FB31T8/ F 4100 K FB31T8/ F 4100 K	Full ProductColorTemperaturerenderingNameDesignation(Nom)index (CRI)FB31T8/TL8303000 K85FL830/ALT0FURSIONFURSIONFURSIONFB31T8/TL8354100 K85FB31T8/-FURSIONFURSIONFB31T8/-4100 K85FB31T8/-4100 K85

Operating and Electrical

Order Code	Full Product Name	Power Consumption	
927860083002	FB32T8/TL830/6 ALTO 20PK	32 W	
927860083502	FB32T8/TL835/6 ALTO 20PK	32 W	
927860084102	FB32T8/TL841/6 ALTO 20PK	32 W	
927860085003	FB32T8/TL850/6 ALTO 20PK	32 W	

Order Code	Full Product Name	Power Consumption
927861283002	FB31T8/TL830/ALTO 15/1	31 W
927861283502	FB31T8/TL835/ALTO 15/1	31 W
927861284101	FB31T8/TL841/ALTO 15/1	31 W

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape	Order Code	Full Product Name	Bulb Shape
927860083002	FB32T8/TL830/6 ALTO 20PK	T8-6U	927860083502	FB32T8/TL835/6 ALTO 20PK	T8-6U

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Order Code	Full Product Name	Bulb Shape	Order Code	Full Product Name	Bulb Shape
927860084102	FB32T8/TL841/6 ALTO 20PK	T8-6U	927861283502	FB31T8/TL835/ALTO 15/1	T8-1-5/8U
927860085003	FB32T8/TL850/6 ALTO 20PK	T8-6U	927861284101	FB31T8/TL841/ALTO 15/1	T8-1-5/8U
927861283002	FB31T8/TL830/ALTO 15/1	T8-1-5/8U			



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